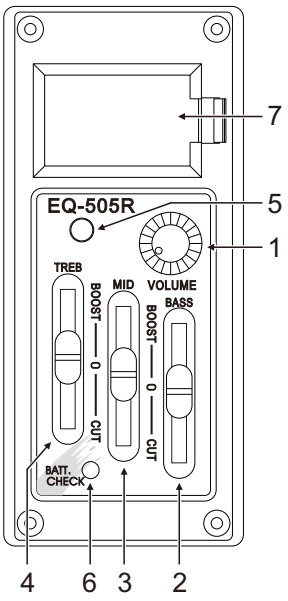
EQ-505R PREAMP USER'S MANUAL

3Band EQ



1. Volume
2. Bass
3. Middle
4. Treble
5. Battery check
6. Battery check LED
7. Battery box

Functions

1. Volume Knob
The VOLUME controls the output volume. Turned fully counter-clockwise it is completely OFF. Turned fully clockwise it is LOUD!

2. Bass EQ TONE CONTROL (for bass tones)
3. Middle EQ TONE CONTROL (for middle tones)
4. Treble EQ TONE CONTROL (for high tones)
The BASS, MIDDLE and TREBLE controls are a 3-band equalizer for controlling tone . The BASS and TREBLE tone controls are normal boost / cut shelving controls . The MIDDLE (midrange) tone control is a normal boost / cut tone filter. The center detent on these tone controls yields a flat tone response. "+12" boosts the tone; "-12" cuts the tone.

5. Battery check
6. Battery check LED (Low Battery LED Light)
The LED will light when the battery has lost power. Replace the battery when this light is on.
This LED light will flash when a cable is connected to the output jack of the pickup system. This shows the battery is good.

7. Battery
A 9-volt battery powers the EQ-505R preamp. Before connecting the instrument to an amplifier or mixer please check that a fully charged 9-volt battery is connected.

Specification

Features : 3Band EQ
Input Impedance : 2.2MΩ
Frequency Response : 20Hz~20KHz
Control Range :
Bass :【±12dB at 60Hz】
Middle :【±12dB at 600Hz】
Treble :【±12dB at 10KHz】
Battery Check S/W
Battery Life : Over 700Hours
Power Supply : 9V Alkaline Battery
Pick-up : Piezo ceramic pick-up
Dimension : W 42mm X H 95 mm
(1.7" X 3.7")

Caution

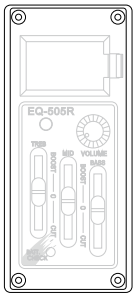
- The jack should be pluged for proper Preamp working.
  (TUNER will works regardless pluging jack)
- There is no output sound, please check if tuner or mute is turned on.
- When LCD screen is dim or no display, please check battery life.
- To prevent battery loss, please unplug jack when preamp is not in use.
- Do not disassemble for repair.
  Return to your dealer for service or repair.
- Do not use too much force when operating the control.

Belcat®
BELCAT Co.,Ltd.
Tel: +86 752 355 7545
Fax: +86 752 355 2460
Email: belcat@belcat.com
Internet: www.belcat.com

RoHS
This product complies with the RoHS directive
CE

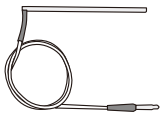
INSTALLATION MANUAL

1. Contents



1. Preamp

2. Output Jack



3. Pick-Up

4. Clip

5. Screw

2. Tool

1. Electric Drill

2. Drill Bit
(2.3mm or 3mm and 12mm)

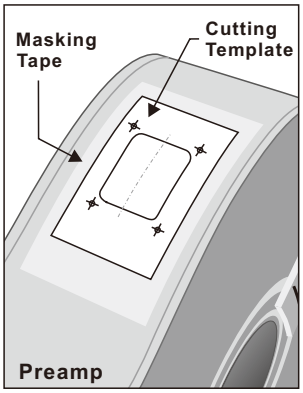
3. Phillips Screwdriver

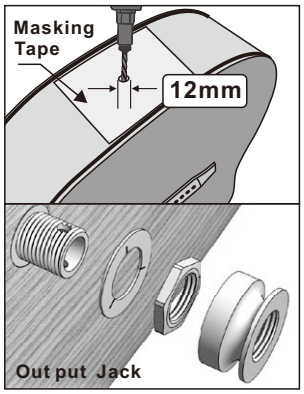
4. Router and Grinder
(cutting-edge 3mm)

5. Round File

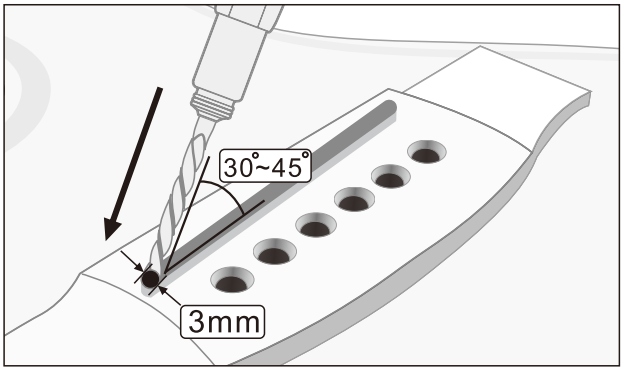
6. Masking Tape

1. Cut out the hole with template

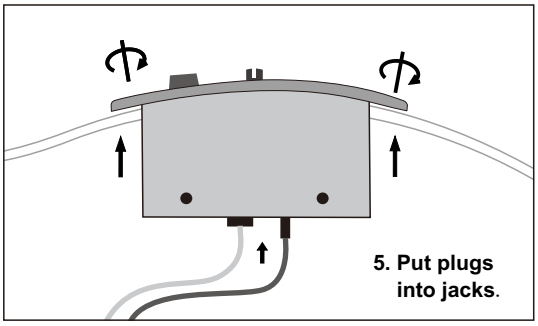




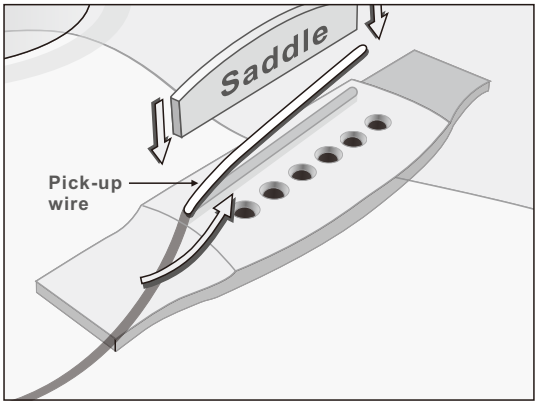
2.Drilling hole for pick-up



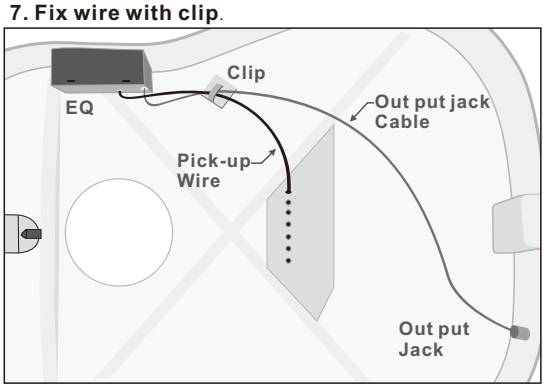
3. Insert EQ and battery box into hole of guitar.
4. Fasten screws properly.



6.Installing the pick-up



7. Fix wire with clip.



Solution

1) When there is no sound or sound is stopped,
- Check guitar cable, amp or Mixer
- Check if there is batter or not. When it happens noise or distortion, please exchange battery.
- Check if the pickup and battery connector is connected correctly or not.
- Check if out put jack is connected correctly.

2) When there is hum-noise,
- Check the pickup is connected well or not.
- Check if the connectors are connected to correct position well or not.

3) Some causes of the balance problem
- When the bottom of saddle or the groove of saddle is not flat.
- When saddle is installed to the groove of saddle loosly.
- When the connection is not good between the bottom of saddle and the groove of saddle.
- When Saddle is very short
- When there is grounds on the groove of saddle.
- When Saddle is declined toward front or back.
- When the top of guitar is bended.
- When the pickup is installed to only a part of the groove of saddle.

(back page)